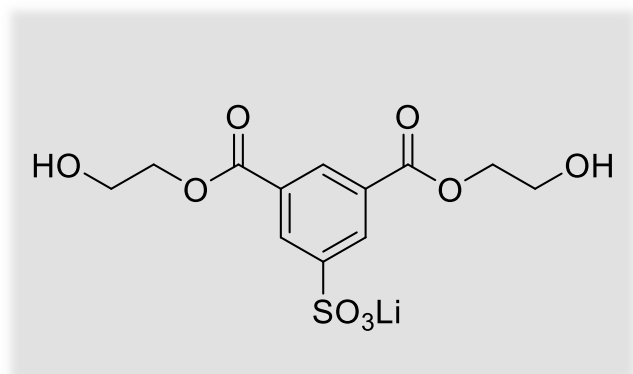




FutureSol® Bis EGLiSIPA

Bis(2-hydroethyl)-5-Lithiosulfoisophthalate



Product Description:

FutureSol® Bis EGLiSIPA is a clear to yellow liquid that is used as an additive in polyester and polyamide applications.

Applications:

- Used in production of cationic dyeable polyesters
- Used in production of nylon fibers to improve dyeability

Product Availability:

- 2700 lb net wt totes
- Other Packaging Upon Request

Property, Unit	Value
Formula	C ₁₂ H ₁₃ O ₉ SLi
Molecular Weight, g/mol	340.23
CAS Number	[150099-94-8]
Appearance	Clear to yellowish liquid
Odor	Odorless
Boiling Point, °C	197
Solubility in Water @ 25°C, g/100mL	Miscible
Specific Gravity @ 20°C	1.25
Flash Point, °C	> 111

Specifications:

Property, Unit	Value
Total Ester as LiSIPA-EG Ester %	38 to 42
Diethylene Glycol, %	≤ 4.0
Water, %	≤ 2.0
APHA Color (neat)	≤ 100
Acid Value	7.0 - 9.0
Saponification Value	125 - 139

For More Information:

FutureFuel Chemical Company

Attention: Customer Service
2800 Gap Road/P.O. Box 2357
Batesville, AR 72501
Phone: 870-698-3000
Email: info@ffcm.com
www.futurefuelcorporation.com

This document, or any answers or information provided herein by FutureFuel Chemical Company, do not constitute a legally binding obligation of FutureFuel Chemical Company. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, they are provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It does not relieve our customers from obligation to perform a full inspection of the products upon delivery or any other obligation. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION OR THAT ANY OF THE FOREGOING MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE.